



CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM NITRATE (HEXAHYDRATE) AR

CAS No : 13446-18-9
Mol. Formula : Mg(NO₃)₂.6H₂O
Mol. WT : 265.41
Date of analysis : 14/04/22

Product code : 23890
Batch No. : MCRT-19249-02
Mfd. : April 2022
Exp. : March 2027

S.R	Test	Specification	Observation
1	Description	Colourless or white deliquescent crystals or crystalline powder.	White crystalline powder.
2	Assay	99% min.	99.05%
3	pH (5% water)	5 - 7	5.6
4	Water insoluble matter	0.003% max.	0.002%
5	Chloride (Cl)	0.001% max.	<0.001%
6	Phosphate (PO₄)	0.0005% max.	<0.0005%
7	Sulphate (SO₄)	0.002% max.	<0.002%
8	Lead (Pb)	0.0005% max.	<0.0005%
9	Ammonium (NH₄)	0.002% max.	<0.002%
10	Barium (Ba)	0.001% max.	<0.001%
11	Calcium (Ca)	0.005% max.	<0.005%
12	Iron (Fe)	0.0005% max.	<0.0005%
13	Potassium (K)	0.0005% max.	<0.0005%
14	Manganese (Mn)	0.0005% max.	<0.0005%
15	Sodium (Na)	0.0005% max.	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

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**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**



Note: Computer generated image requires no sign.

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